

Pond Biosolids Removal and Reuse Project (CIP 13745)



NapaSan Board of Directors Meeting February 5, 2020

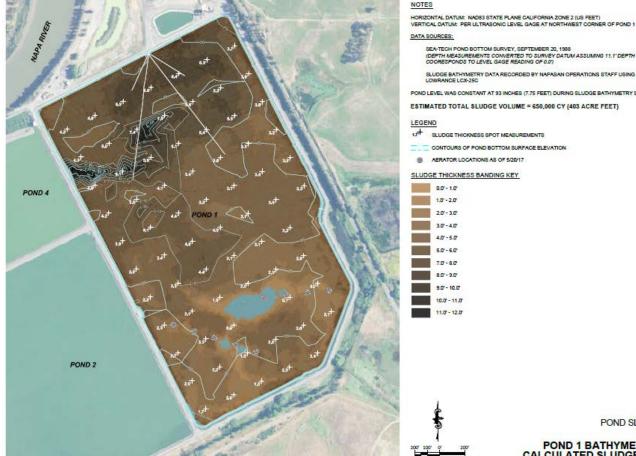


Background

 Recent biosolids removal projects were completed using various methods between 1999 and 2008









Biosolids Removal

 Remove biosolids to elevation 1.0 ft.

- Priority 1:
 - Northern 1/3 of pond
- Priority 2:
 - Middle 1/3 of pond





Bid Results

Contract Amount

\$2,000,000

	Bidder	Unit Price Per Dry Ton	Total Dry Tons*
1	Clean Harbors Environmental Services	\$503.04	3,777
2	Synagro-WWT, Inc.	\$540.00	3,519
3	Merrell Bros., Inc.	\$564.64	3,365
4	American Process Group Inc.	\$606.45	3,133
5	National Plant Services, Inc.	\$1,376.00	1,381

^{*}Total dry tons are based on \$1,900,000 budget for dredging and processing solids (\$100,000 of the budget is for contractor mobilization/demobilization).



Project Costs

Total Budget

\$2,337,150

ltem	Cost
Design	\$39,275
Construction Contract	\$2,000,000
Construction Management, Inspection, ESDC	\$205,135
Estimated Staff Time and Lab Analyses	\$50,000
Total:	\$2,294,410



Anticipated Schedule

Milestone	Date
Notice to Proceed	March 2020
Work Period	May 1 – September 30, 2020
Accept Completion	October 2020



Recommendation

 Award contract for the Pond Biosolids Removal and Reuse Project (CIP 13745) to Clean Harbors Environmental Services for the amount of \$2,000,000 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.